

Peak District National Park

Forecast valid from 06:00 on Saturday 27 Mar 2021 until 23:59 on Sunday 28 Mar 2021

Forecast Issued on Saturday 27 Mar 2021 at 04:18

Confidence: High for cold, showery conditions at first this morning giving way to milder conditions with periods of rain from later today, also for mostly dry conditions for Monday and Tuesday. Lower for mostly dry conditions for Wednesday.

Headline for Saturday 27 Mar 2021: Cold with early snow showers, gradually becoming milder and windy.

Mountain weather hazards on Saturday 27 Mar 2021

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light snow showers	Sleet showers	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
60%	30%	10%	<05%	10%	30%

Forecast for Saturday 27 Mar 2021

Weather: Scattered wintry showers will soon die away this morning, leaving some good spells of sunshine through the remainder of today, although cloud above the summits increases later this afternoon. There is a chance of patchy light rain developing this evening, mainly across northern and western areas.

Chance of cloud free mountain/hill tops above 600m: Around 40% at dawn improving to close to 100% by late morning. Decreasing to 60% this evening.

Visibility: Occasional or periods of cloud above 600m at first lifting above the summits by late morning. Cloud thickens and lowers through this evening to become periods above 600m across western areas. Away from cloud visibility very good or excellent falling to just a few kilometres in light wintry showers and rain.

Forecast for Saturday 27 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/37 W	27/33 W	24/31 W	21/27 W	23/30 SW	30/39 SW	35/45 SW
300	27/35 W	20/27 W	20/27 W	16/24 SW	16/24 SW	23/32 SW	27/38 SW
Valley	17/35 W	14/27 W	15/27 W	12/23 SW	10/23 SW	13/30 SW	17/36 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-9	-0/-8	2/-5	4/-2	4/-2	3/-3	4/-4
300	2/-5	3/-3	4/-1	6/2	6/2	6/1	6/1
Valley	3/-3	4/-0	6/2	8/4	7/4	6/3	7/3
Freezing Level*	400m	400m	500m	700m	1000m	1100m	1200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Conditions best through the middle of today, but windy with a significant chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 27 Mar 2021	N/A	N/A	N/A

Forecast for Sunday 28 Mar 2021

Weather: Rain soon arriving, and becoming heavy and persistent across western areas. Through the morning the rain eases to become light and patchy, and then largely confined to western areas through the afternoon evening. Becoming drier for eastern areas, with perhaps some afternoon brighter spells developing.

Maximum wind: Southwesterly 30-40mph, gusts around 60mph over summits.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the morning improving to 40% in the afternoon and evening across eastern areas.

Visibility: Periods or persistent cloud above 450-600m, becoming occasional or periods above 600m in the afternoon.

Temperature: **Valleys:** Around plus 6 rising to plus 11 or 12 Celsius by day, perhaps plus 14 Celsius in east
At 600m: Around plus 3 rising to plus 7 Celsius
Freezing level: Above summits.